



LAMPIRE
BIOLOGICAL LABORATORIES

45 YEARS **STRONG**

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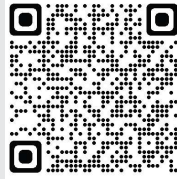
Hamster

Custom Antibody Services



Hamster

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LAMPIRE Is Pleased To Offer BOTH Chinese and Armenian Hamsters

Hamsters are a well-established model for viral infection studies, particularly RNA based viruses like SARS-COV-2. An excellent host for generating monoclonal antibodies to murine antigens, hamsters are an excellent alternative in instances where mouse and rat may not be a suitable option. Differentiation of the strains is an important consideration prior to undertaking any pre-clinical or development service. Both Chinese and Armenian hamster models are excellent for generation of monoclonal antibodies.

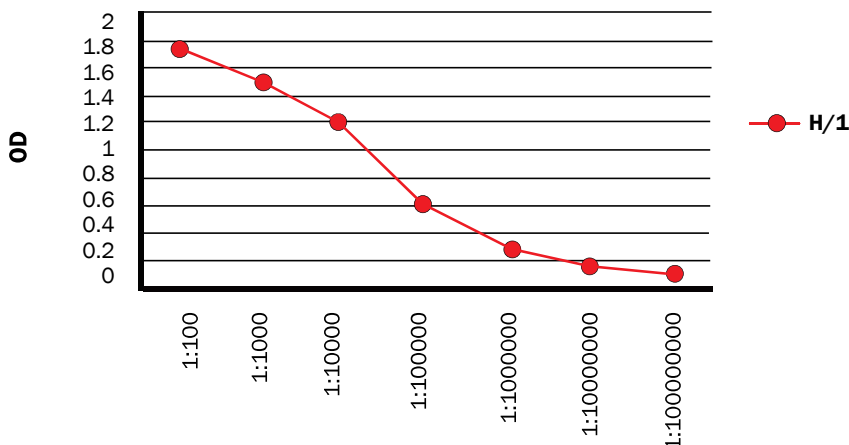
Chinese Hamsters

- Historically used to create CHO cell lines, approximately 70% of recombinant proteins are produced in Chinese hamster ovary (CHO) cells.
- Useful for monoclonal antibody generation against transmembrane protein antigens expressed in CHO cells.
- Pharmacokinetic: this model has again emerged as an ideal candidate for PK studies of SARS-COV-2 infection.
- Production: Lampire also can assist in adapting your CHO Cell line to serum free media.

Armenian Hamsters

- Development: Armenian Hamsters elicit antibody responses to a broad repertoire of antigens, which are demonstratively different to those generated in mouse or rat.
- Stability: Hamster monoclonals are easily purified by Protein A affinity chromatography and have been successfully used in multiple applications, including development of high affinity neutralizing reagents to murine antibodies, cytokines, receptors, and transcription factors.
- Fast Protocols! Fusion candidate is identified in as little as 30 Days.

Day 30 ELISA Data



THE LAMPIRE ADVANTAGE!

- ✓ Experienced technical partner with over 44 years servicing the life science industry
- ✓ Knowledgeable and responsive sales / customer service staff
- ✓ Competitive pricing, from research sized to bulk quantities
- ✓ Customizable products available to meet your specifications